

## IB ST ZF 24 BDI 8/4

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Order No.: 2750714



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INTERBUS-ST digital input module, 8 inputs, 24 V DC, 4-wire connection method, IP20 protection, consisting of: Terminal part with spring-cage connection and module electronics

### Commercial data

EAN	4017918139780
Pack	1 pcs.
Customs tariff	85389091
Weight/Piece	0.40393 KG

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### Product description

INTERBUS ST standard digital input modules

The digital INTERBUS input modules are designed for the connection of digital control signals, such as those generated by switches, limit switches, electronic proximity switches, and photoelectric switches.

The scope of functions provided by the standard models covers the majority of applications.

All the typical advantages of INTERBUS ST handling, such as multi-wire connection method and plug-in electronics are available.

### Technical data

#### Interfaces

Interface	ST local bus
Type of connection	ST local bus connector

Transmission physics	Copper
<b>Power supply</b>	
Communications voltage $U_L$	9 V DC (from the ST local bus)
Typical current consumption	50 mA (from the ST local bus)
I/O voltage	24 V DC
Peripherals voltage range	20 V DC ... 30 V DC
<b>Electrical isolation</b>	
Test section	Bus logic/Inputs 500 V AC 50 Hz 1 min
<b>Inputs</b>	
Number of inputs	8
Number of input groups	1
Connection method	4-wire
Type of connection	Spring-cage connection
Typical input current per channel	6 mA (for 24 V DC)
Input voltage range "0" signal	-30 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC
Delay at signal change from 0 to 1	50 $\mu$ s
Delay at signal change from 1 to 0	50 $\mu$ s
Name of protection	Short circuit protected initiator supply
Protective circuit/component	Fuse
<b>General data</b>	
Weight	485 g
Degree of protection	IP20

#### Certificates / Approvals



Certification

GOST

**Accessories**

Item                      Designation                      Description

**Cable/conductor**

2836492	IB ST LBC	Spare local bus cable, for INTERBUS-ST modules
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**Fuse**

2753478	IBS TR5 0,4AT	Replacement fuse, for INTERBUS-ST modules
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**Replacement clamping part**

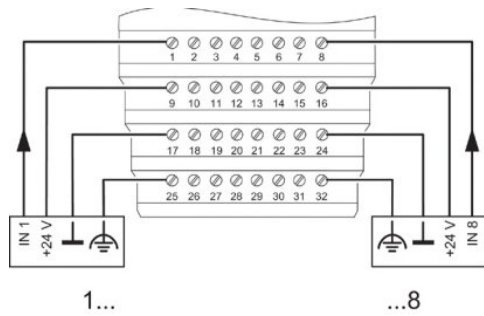
2722593	IB STTB ZF 24 BDI 8/4	Replacement clamping part for IB ST ZF 24 BDI 8/4
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**Replacement module electronics**

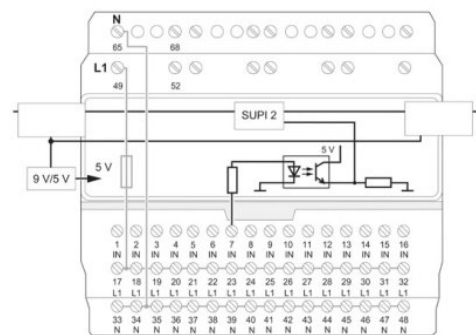
2751674	IB STME 24 BDI 8/4	Replacement module electronics for IB ST (ZF) 24 BDI 8/4
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**Drawings**

Connection diagram

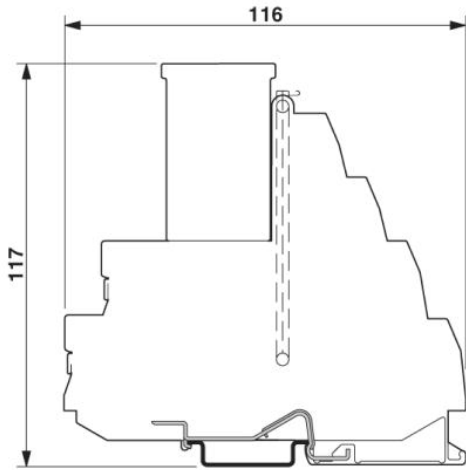


Block diagram



Dimensioned drawing

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